

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

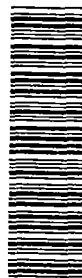
DATE: October 27, 1983

SUBJECT: Transmittal of Preliminary Assessments

FROM: William J. Keffer *WJ Keffer*
Chief, EP&R/ENSVTO: Robert L. Morby
Chief, WMBR/ARWMTHRU: John C. Wicklund *JCW*
Director, ENSV

Site:	<u>PMS Consolidated</u>
ID #:	<u>MOD093749919</u>
Break:	<u>1.5</u>
Other:	<u>10-27-83</u>

SUPERFUND RECORDS



40143198

Attached for your information and use are five preliminary assessments for the following locations in Missouri: City of St. Peters, Harbison Walker in Vandalia; North American Refractories in Farber; PMS Consolidated in St. Peters; and American AIR Filter in Columbia.

Attachment

cc: Charles Hensley, LABO/ENSV

FIELD INVESTIGATION OF UNCONTROLLED
HAZARDOUS WASTE SITES

TASK REPORT PREPARED
BY
THE ENVIRONMENTAL PROTECTION AGENCY

PRELIMINARY ASSESSMENT AND ON SITE INSPECTION
OF THE
PMS CONSOLIDATED - MISSOURI DIVISION
ST. PETERS, MISSOURI

INSPECTION BY
KEN LAWVER

SEPTEMBER 29, 1983

SECTION 1: INTRODUCTION

Section 103(c), public law 96-510 requires any person who has disposed of a hazardous substance, not subject to Subtitle C of the solid waste disposal act, to notify EPA of the amount and type of hazardous substance to be found there and any known, suspected or likely releases of such substances.

Land disposal facilities that contain hazardous wastes are to be investigated and evaluated as a part of EPA's nationwide waste management program. The preliminary investigation and assessment will usually rank each site according to its hazard potential using a rating method developed by JRB Associates, 1980. The method uses ratings of low, medium, high and imminent and is used as a way to prioritize followup inspections. The followup inspections or "full field investigations" are performed after the preliminary assessment and begin with sites having the highest hazard potential.

If it is found that a site has not disposed of a hazardous waste or has no record or knowledge of disposing of a hazardous waste and the site investigation reveals no contrary information, then the JRB ranking method would be inappropriate and will not be used for the site rating.

The objectives of the preliminary assessment are as follows:

- A. obtain and review background information on each of the sites,
- B. to interview company and government officials and to perform an inspection of the sites without sampling (if deemed necessary), and
- C. to submit a formal report recommending whether these facilities should continue to be considered as potentially hazardous waste

sites, the seriousness of the possible hazards posed by the sites and the priority of future investigations to be made.

This preliminary assessment report is prepared at the request of the Air and Hazardous Materials Division as a superfund 103C and RCRA followup site.

The conclusions reached regarding the potential hazards posed by this site and recommendations on seriousness and priority of future investigations can be found in Section 3.

SECTION 2: SITE HISTORY AND DESCRIPTION

PMS Consolidated is located in St. Peters, Missouri, and has manufactured various colorings for plastics at this location since 1978. Raw materials used in the process are lead-based and cadmium-based pigments (30%-40% cadmium or lead). The materials are mixed in various proportions to obtain the desired colorings. Colorings can be manufactured as either a solid (powder) or a resin, depending on customers preference.

The company uses approximately 8 to 10 drums of cadmium and twenty 50-pound bags of lead pigment each month. All the material is consumed in the manufacturing process.

A notification of Hazardous Waste Activity, EPA Form 8711-12, was submitted to EPA in 1980. The types of hazardous waste activity listed were generator and TSD.

No wastes are disposed of on site. All usual plant wastes are sent to a nearby sanitary landfill, including the empty paper bags used for the lead pigment. Empty drums that contained the cadmium are also sent to the landfill. Drums are lined with plastic and very little or no material is left in the drum.

The company disposed of 4 drums of waste pigment on November 12, 1980. Material was sent to Bob's Home Service hazardous waste landfill in Wright City, Missouri. No waste pigment exceeding 100 kilos per month have been disposed of since. The company does not store pigment material longer than 90 days.

SECTION 3: COMMENTS AND RECOMMENDATIONS

No known hazardous material was disposed of by the company other than mentioned in section 2. All hazardous material used is consumed in the product.

Section 103(c) of CERCLA is not applicable to this site and no follow up inspection is recommended.



POTENTIAL HAZARDOUS WASTE SITE
IDENTIFICATION AND PRELIMINARY ASSESSMENT

REGION SITE NUMBER (to be assigned by HQ)

NOTE: This form is completed for each potential hazardous waste site to help set priorities for site inspection. The information submitted on this form is based on available records and may be updated on subsequent forms as a result of additional inquiries and on-site inspections.

GENERAL INSTRUCTIONS: Complete Sections I and III through X as completely as possible before Section II (Preliminary Assessment). File this form in the Regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (EN-335); 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME PMS Consolidated		B. STREET (or other identifier) P.O. Box 497	
C. CITY St. Peters	D. STATE Mo	E. ZIP CODE 63376	F. COUNTY NAME St. Louis
G. OWNER/OPERATOR (if known) 1. NAME Carl Elsea		2. TELEPHONE NUMBER 314-278-5090	
H. TYPE OF OWNERSHIP <input type="checkbox"/> 1. FEDERAL <input type="checkbox"/> 2. STATE <input type="checkbox"/> 3. COUNTY <input type="checkbox"/> 4. MUNICIPAL <input type="checkbox"/> 5. PRIVATE <input type="checkbox"/> 6. UNKNOWN			
I. SITE DESCRIPTION Manufacturing of plastic colorings			
J. HOW IDENTIFIED (i.e., citizen's complaints, OSHA citations, etc.) CERCLA			K. DATE IDENTIFIED (mo., day, & yr.)
L. PRINCIPAL STATE CONTACT 1. NAME		2. TELEPHONE NUMBER	

II. PRELIMINARY ASSESSMENT (complete this section last)

A. APPARENT SERIOUSNESS OF PROBLEM <input type="checkbox"/> 1. HIGH <input type="checkbox"/> 2. MEDIUM <input type="checkbox"/> 3. LOW <input checked="" type="checkbox"/> 4. NONE <input type="checkbox"/> 5. UNKNOWN		
B. RECOMMENDATION <input checked="" type="checkbox"/> 1. NO ACTION NEEDED (no hazard) <input type="checkbox"/> 2. IMMEDIATE SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: <input type="checkbox"/> 3. SITE INSPECTION NEEDED a. TENTATIVELY SCHEDULED FOR: b. WILL BE PERFORMED BY: <input type="checkbox"/> 4. SITE INSPECTION NEEDED (low priority)		
C. PREPARER INFORMATION 1. NAME	2. TELEPHONE NUMBER	3. DATE (mo., day, & yr.)

III. SITE INFORMATION

A. SITE STATUS <input checked="" type="checkbox"/> 1. ACTIVE (Those industrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.) <input type="checkbox"/> 2. INACTIVE (Those sites which no longer receive wastes.) <input type="checkbox"/> 3. OTHER (specify):		
B. IS GENERATOR ON SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify generator's four-digit SIC Code):		
C. AREA OF SITE (in acres)	D. IF APPARENT SERIOUSNESS OF SITE IS HIGH, SPECIFY COORDINATES 1. LATITUDE (deg.-min.-sec.) 2. LONGITUDE (deg.-min.-sec.)	
E. ARE THERE BUILDINGS ON THE SITE? <input type="checkbox"/> 1. NO <input checked="" type="checkbox"/> 2. YES (specify): Manufacturing and Office Buildings		

Continue On Reverse

IV. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity(ies) and details relating to each activity by marking 'X' in the appropriate boxes.

A. TRANSPORTER	D. STORER	C. TREATER	B. DISPOSER
1. RAIL	1. PILE	1. FILTRATION	1. LANDFILL
2. BARGE	2. SURFACE IMPOUNDMENT	2. INCINERATION	2. LANDFARM
3. TRUCK	3. DRUMS	3. VOLUME REDUCTION	3. OPEN DUMP
4. PIPELINE	4. TANK, ABOVE GROUND	4. RECYCLING/RECOVERY	4. SURFACE IMPOUNDMENT
5. OTHER (specify):	5. TANK, BELOW GROUND	5. CHEM./PHYS. TREATMENT	5. MOUND DUMPING
	6. OTHER (specify):	6. BIOLOGICAL TREATMENT	6. INCINERATION
		7. WASTE OIL REPROCESSING	7. UNDERGROUND INJECTION
		8. SOLVENT RECOVERY	8. OTHER (specify):
		9. OTHER (specify):	

E. SPECIFY DETAILS OF SITE ACTIVITIES AS NEEDED

V. WASTE RELATED INFORMATION

A. WASTE TYPE

☐ 1. UNKNOWN ☒ 2. LIQUID ☒ 3. SOLID ☐ 4. SLUDGE ☐ 5. GAS

B. WASTE CHARACTERISTICS

☐ 1. UNKNOWN ☐ 2. CORROSIVE ☐ 3. IGNITABLE ☐ 4. RADIOACTIVE ☐ 5. HIGHLY VOLATILE
☒ 6. TOXIC ☐ 7. REACTIVE ☐ 8. INERT ☐ 9. FLAMMABLE

☐ 10. OTHER (specify):

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

All hazardous materials used in process

2. Estimate the amount (specify unit of measure) of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT	AMOUNT
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
<input checked="" type="checkbox"/> (1) PAINT, PIGMENTS	<input checked="" type="checkbox"/> (1) OILY WASTES	<input checked="" type="checkbox"/> (1) HALOGENATED SOLVENTS	<input checked="" type="checkbox"/> (1) ACIDS	<input checked="" type="checkbox"/> (1) PLASTIC	<input checked="" type="checkbox"/> (1) LABORATORY PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER (specify):	(2) NON-HALOGENATED SOLVENTS	(2) PICKLING LIQUORS	(2) ADDED TO	(2) HOSPITAL
(3) POTW		(3) OTHER (specify):	(3) CAUSTICS	(3) MILLING/ MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS METAL WASTE	(4) MUNICIPAL
(5) OTHER (specify):			(5) DYES/INKS	(5) NON-FERROUS METAL WASTE	(5) OTHER (specify):
			(6) CYANIDE	(6) OTHER (specify):	
			(7) PHENOL		
			(8) HALOGENS		
			(9) PEROXIDES		
			(10) METALS		
			(11) OTHER (specify):		

V. WASTE RELATED INFORMATION (continued)

3. LIST SUBSTANCES OF GREATEST CONCERN WHICH MAY BE ON THE SITE (place in descending order of hazard).

4. ADDITIONAL COMMENTS OR NARRATIVE DESCRIPTION OF SITUATION KNOWN OR REPORTED TO EXIST AT THE SITE.

VI. HAZARD DESCRIPTION

A. TYPE OF HAZARD	B. POTENTIAL HAZARD (mark 'X')	C. ALLEGED INCIDENT (mark 'X')	D. DATE OF INCIDENT (mo., day, yr.)	E. REMARKS
1. NO HAZARD				
2. HUMAN HEALTH	X			
3. NON-WORKER INJURY/EXPOSURE				
4. WORKER INJURY				
5. CONTAMINATION OF WATER SUPPLY				
6. CONTAMINATION OF FOOD CHAIN				
7. CONTAMINATION OF GROUND WATER				
8. CONTAMINATION OF SURFACE WATER				
9. DAMAGE TO FLORA/FAUNA				
10. FISH KILL				
11. CONTAMINATION OF AIR				
12. NOTICEABLE ODORS				
13. CONTAMINATION OF SOIL				
14. PROPERTY DAMAGE				
15. FIRE OR EXPLOSION				
16. SPILLS/LEAKING CONTAINERS/ RUNOFF/STANDING LIQUIDS				
17. SEWER, STORM DRAIN PROBLEMS				
18. EROSION PROBLEMS				
19. INADEQUATE SECURITY				
20. INCOMPATIBLE WASTES				
21. MIDNIGHT DUMPING				
22. OTHER (specify):				

VII. PERMIT INFORMATION

A. INDICATE ALL APPLICABLE PERMITS HELD BY THE SITE.

- ☐ 1. NPDES PERMIT ☐ 2. SPCC PLAN ☐ 3. STATE PERMIT (specify): _____
☐ 4. AIR PERMITS ☐ 5. LOCAL PERMIT ☐ 6. RCRA TRANSPORTER
☒ 7. RCRA STORER ☒ 8. RCRA TREATER ☒ 9. RCRA DISPOSER
☐ 10. OTHER (specify): _____

B. IN COMPLIANCE?

- ☒ 1. YES ☐ 2. NO ☐ 3. UNKNOWN

4. WITH RESPECT TO (list regulation name & number): _____

VIII. PAST REGULATORY ACTIONS

- ☒ A. NONE ☐ B. YES (summarize below)

IX. INSPECTION ACTIVITY (past or on-going)

- ☒ A. NONE ☐ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

X. REMEDIAL ACTIVITY (past or on-going)

- ☒ A. NONE ☐ B. YES (complete items 1, 2, 3, & 4 below)

1. TYPE OF ACTIVITY	2. DATE OF PAST ACTION (mo., day, & yr.)	3. PERFORMED BY: (EPA/State)	4. DESCRIPTION

NOTE: Based on the information in Sections III through X, fill out the Preliminary Assessment (Section II) information on the first page of this form.